

CLAIMS

What is claimed is:

1. A method comprising:

 setting a connection between an edge gateway of a first voice packet network and an interworking unit, the interworking unit comprising a virtual time division multiplex network;

 selecting a virtual trunk group and channel identification code through the interworking unit; and

 transmitting the selection to a call agent of a second voice packet network, the second voice packet network not of the same type as the first voice packet network, such that the call agent of the second voice packet network coordinates the establishment of a connection between the virtual trunk group and an edge gateway of the second voice packet network.
2. The method of claim 1, wherein the second voice packet network is a voice over asynchronous transfer mode adaption layer 2 network.
3. The method of claim 1, wherein the voice over asynchronous transfer mode network is a PNNI-controlled SVC network.

4. The method of claim 2, wherein the edge gateway of the first voice packet network is a real time protocol/internet protocol edge gateway.

5. The method of claim 4, wherein the interworking unit is between a voice over internet protocol edge network and a voice over asynchronous transfer mode core network.

6. The method of claim 1, wherein the interworking unit is between a voice over internet protocol core network and a voice over asynchronous transfer mode edge network.

7. A machine readable medium that provides executable instructions, which when executed by a processor, cause said processor to perform a method comprising:

setting a connection between an edge gateway of a first voice packet network and an interworking unit, the interworking unit comprising a virtual time division multiplex network;

selecting a virtual trunk group and channel identification code through the interworking unit; and

transmitting the selection to a call agent of a second voice packet network, the second voice packet network not of the same type as the first voice packet network, such that the call agent of the second voice packet network coordinates the establishment of a connection between the virtual trunk group and an edge gateway of the second voice packet network.

8. The machine-readable medium of claim 7, wherein the voice packet network is a voice over asynchronous transfer mode adaption layer 2 network.

9. The method of claim 7, wherein the voice over asynchronous transfer mode network is a PNNI-controlled SVC network.

10. The machine-readable medium of claim 8, wherein the edge gateway of the first voice packet network is a real time protocol/internet protocol edge gateway.

11. The machine-readable medium of claim 10, wherein the interworking unit is between a voice over internet protocol edge network and a voice over asynchronous transfer mode core network.

12. The machine-readable medium of claim 7, wherein the interworking unit is between a voice over internet protocol core network and a voice over asynchronous transfer mode edge network.

13. An apparatus comprising:
means for setting a connection between an edge gateway of a first voice packet network and an interworking unit, the interworking unit comprising a virtual time division multiplex network;
means for selecting a virtual trunk group and channel identification code through the interworking unit; and

means for transmitting the selection to a call agent of a second voice packet network, the second voice packet network not of the same type as the first voice packet network, such that the call agent of the second voice packet network coordinates the establishment of a connection between the virtual trunk group and an edge gateway of the second voice packet network.

14. The apparatus of claim 13, wherein the second voice packet network is a voice over asynchronous transfer mode adaption layer 2 network.

15. The apparatus of claim 13, wherein the voice over asynchronous transfer mode network is a PNNI-controlled SVC network.

16. The apparatus of claim 14, wherein the edge gateway of the first voice packet network is a real time protocol/internet protocol edge gateway.

17. The apparatus of claim 16, wherein the interworking unit is between a voice over internet protocol edge network and a voice over asynchronous transfer mode core network.

18. The apparatus of claim 13, wherein the interworking unit is between a voice over internet protocol core network and a voice over asynchronous transfer mode edge network.

19. An apparatus comprising:

an edge gateway of a first voice packet network to set a connection between the edge gateway and an interworking unit, the interworking unit comprising a virtual time division multiplex network; and

a call agent of a first voice packet network to select a virtual trunk group and channel identification code through the interworking unit and transmit the selection to a call agent of a second voice packet network, such that the call agent of the second voice packet network coordinates the establishment of a connection between the virtual trunk group and an network edge gateway of the second voice packet network.

20. The apparatus of claim 19, wherein the second voice packet network is a voice over asynchronous transfer mode adaption layer 2 network.

21. The apparatus of claim 19, wherein the voice over asynchronous transfer mode network is a PNNI-controlled SVC network.

22. The apparatus of claim 20, wherein the edge gateway of the first voice packet network is a real time protocol/internet protocol edge gateway.

23. The apparatus of claim 22, wherein the interworking unit is between a voice over internet protocol edge network and a voice over asynchronous transfer mode core network.

24. The apparatus of claim 19, wherein the interworking unit is between a voice over internet protocol core network and a voice over asynchronous transfer mode edge network.

25. An apparatus comprising:
a virtual time division multiplexed network;
an internet protocol format to virtual time division multiplex format converter; and
an asynchronous transfer mode format to virtual time division multiplex format converter.

26. The apparatus of claim 25 wherein the internet protocol format to virtual time division multiplex format converter causes a voice over internet protocol network to appear to a voice over asynchronous transfer mode adaption layer 2 network as a time division multiplexed network.

27. The apparatus of claim 25 wherein the asynchronous transfer mode format to virtual time division multiplex format converter causes a voice over asynchronous transfer mode adaption layer 2 network to appear to a voice over internet protocol network as a time division multiplexed network.

28. The apparatus of claim 25 connecting a voice over internet protocol core network and a voice over asynchronous transfer mode edge network.

29. The apparatus of claim 25 connecting a voice over internet protocol edge network and a voice over asynchronous transfer mode core network.